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4.5 Compugen Ltd

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Result
No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Database
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Minimum DB seq length: 0
Maximum DB seq length: 2000000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Searched:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Title:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                  Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                       Score
         220
122
122
112
112
112
112
112
110
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Match Length DB
           100.0
55.5
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50.9
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47.3
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Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  March 15, 2002, 06:26:26; Search time 188.13 Seconds (without alignments) 59.035 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3148936 seqs, 277657034 residues
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220
                                                                                                                                                                                                                                                                                                                                                                                                                                                          : /cgn2_6/ptodata/2/paa/US082_COMB.pep: *
/cgn2_6/ptodata/2/paa/US083_COMB.pep: *
/cgn2_6/ptodata/2/paa/US084_COMB.pep: *
/cgn2_6/ptodata/2/paa/US084_COMB.pep: *
/cgn2_6/ptodata/2/paa/US086_COMB.pep: *
/cgn2_6/ptodata/2/paa/US086_COMB.pep: *
/cgn2_6/ptodata/2/paa/US086_COMB.pep: *
/cgn2_6/ptodata/2/paa/US089_COMB.pep: *
/cgn2_6/ptodata/2/paa/US089_COMB.pep: *
/cgn2_6/ptodata/2/paa/US099_COMB.pep: *
/cgn2_6/ptodata/2/paa/US092_COMB.pep: *
/cgn2_6/ptodata/2/paa/US092_COMB.pep: *
/cgn2_6/ptodata/2/paa/US092_COMB.pep: *
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/cgn2_6/ptodata/2/paa/US081_COMB.pep:*
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/cgn2_6/ptodata/2/paa/US07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /cgn2_6/ptodata/2/paa/PCTUS_COMB.pep:*
                                                                                                                                                                                                                                                                                                                                                                                                                                           /cgn2_6/ptodata/2/paa/US60_COMB.pep:*
         247
247
247
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247
280
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251
    US-09-856-050-19
30 US-09-923-779-154
40 US-60-230-435-1545
41 US-60-212-659-307
42 US-60-212-659-307
43 US-60-213-800-342
44 US-60-213-800-342
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Sequence 19, Appl
Sequence 154, App
Sequence 1545, Ap
Sequence 4, Appli
Sequence 4, Appli
Sequence 307, App
Sequence 2344, Ap
Sequence 2344, Ap
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5	44	3	42	41	40	39	38	37	36	35	34	3	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13		11	10
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33.6		33.6	w	ω	ω	Ψ	ω	ω ·	33.6	ω	33.6	ω	33.6	33.6	33.6	·	33.6	33.6	ω	33.6	34.1	34.1	34.3	4.	٠.	5	5	36.8	8	9	40.9	<u>. </u>	44.5	46.4	46.4
328	327	316	315	315	315	292	292	289	289	289	289	289	288	288	288	288	288	284	284	284	51	51	401	124	76	183	20	246	281	45	53	247	247	247	247
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PCT-US00-09973-11	-09-386-	-09-387-375		US-09-386-653-9	PCT-US00-23823-9		PCT-US01-18568-9	US-09-386-642-14	-162-	283-	PCT-US00-22271-14	ς.		US-09-303-162-13	PCT-US00-22283-13	PCT-US00-22271-13	ω	US-09-386-642-54	ω	PCT-US00-22271-54	US-09-925-297-566	PCT-US00-05989-566	-09-538-092-5	US-09-869-446-9	US-09-869-446-2	91-27	09-6	-08-978-4	-08-467-155-7	-09-856-050-17	US-09-605-784A-1262	-09-762-277-	-09-760-475-	-60-230-435-188	US-60-212-659-308
Sequence 11, Appl	Sequence 8, Appli	9	9,	e 9,	9, 2	•	9, AK	14,	e 14,	14,	14,	14, 1	13,	e 13,	13,	13,	13, 1	e 54,	54,	U	e 566,	(J	573	9;	2,	9, 1	34,	e 4	7, AI	17, Ap	126	1, App	2359,	1885,	Sequence 308, App

ALIGNMENTS

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APPLICANT: KOMINAH; Katsuya
APPLICANT: YAMAGUCHI, NOZOMİ
APPLICANT: YAMAGUCHI, NOZOMİ
APPLICANT: YAMAGUCHI, NOZOMİ
APPLICANT: YAMAGUCHI, NOZOMİ
APPLICANT: WITSUI, Shinichi
TITLE OF INVENTION: PROTEIN EXPRESSION VECTOR AND USE THEREOF
FILE REFERENCE: UEMURA-8
CURRENT FILING DATE: 2001-05-17
PRIOR APPLICATION NUMBER: US/09/856,050
CURRENT FILING DATE: 1998-11-20
PRIOR APPLICATION NUMBER: DCT/JP99/06474
PRIOR APPLICATION NUMBER: PCT/JP99/06474
PRIOR FILING DATE: 1999-11-19
NUMBER OF SEQ ID NOS: 22
SOFTWARE: Patentin version 3.1
SEQ ID NO 19
LENGTH: 40
TYPE: PRT
ORGANISM: Homo Sapiens
FEATURE:
; OTHER INFORMATION: Synthetic US-09-856-050-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-856-050-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 19, Application US/09856050
GENERAL INFORMATION:
APPLICANT: UEMURA, Hidetoshi
APPLICANT: OKUI, Akira
APPLICANT: KOMINAMI, Katsuya
APPLICANT: KOMINAMI, Katsuya
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Query Match Best Local Similarity

100.0%; ilarity 100.0%; Conservative (

0;

Score 220; DB 22; Pred. No. 1.1e-20; 0; Mismatches 0;

Length 40; Indels

0;

Gaps

0;

Matches

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RESULT
US-60-230-435-1545

; Sequence 1545, Application US/60230435
; Sequence 1545, Application US/60230435
; GENERAL INFORMATION:
; APPLICANT: Beasley, Ellen
; TITLE OF INVENTION: ISOLATED HUMAN PROFITTLE OF INVENTION: USCATED MOLEC:
; TITLE OF INVENTION: USCATEREOF
; TITLE OF INVENTION: USCATEREOF
; FILE REFERENCE: C1000768
                                                                                                                               RESULT 4
PCT-US00-28558-4
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US-09-923-779-154
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                                                                                             Sequence 4, Application PC/TUS0028558 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/60/230,435
CURRENT FILING DATE: 2000-09-06
NUMBER OF SEQ ID NOS: 2991
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 1545
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 154, Application US/09923779 GENERAL INFORMATION:
                                          APPLICANT:
APPLICANT:
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Best Local Similarity
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Best Local
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        TITLE OF INVENTION:
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SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/923,779
CURRENT FILING DATE: 2001-08-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY TITLE OF INVENTION: AND DIAGNOSIS OF PANCREATIC CANCER FILE REFERENCE: 210121.553
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Pyle, Ruth A.
APPLICANT: Xu, Jiangchun
APPLICANT: Kalos, Michael D.
                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 247
TYPE: PRT
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Underwood, Lowell
Shigemasa, Kazushi
VENTION: Tumor Antigen-Derived Gene 16 (TADG-16): A Novel
VENTION: Extracellular Serine Protease and Uses Thereof
                                                                            O'Brien, Timothy J.
                                                                                                                                                                                                                                                                     Conservative
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                                                                                                                                                                                                                                                                                   55.5%;
92.6%;
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Pred. No. 3e-07;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 122; DB 2
Pred. No. 3e-07;
                                                                                                                                                                                                                                                                     Mismatches
                                                                                                                                                                                                                                                                                                       DB 24;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ENCODING HUMAN PROTEASE PROTEINS,
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          ; ORGANISM: HUMAN US-60-212-659-307
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APPLICANT: Beasley, Ellen
TITLE OF INVENTION: ISOLATED HUMAN PROTEASE
TITLE OF INVENTION: NUCLEIC ACID MOLECULES;
TITLE OF INVENTION: USES THEREOF
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: CLOOG674
CURRENT APPLICATION NUMBER: US/60/212,659
CURRENT FILING DATE: 2000-06-19
CURRENT FILING DATE: 2000-06-19
                                                                                                                                                                                                                                                        RESULT 6
US-60-212-659-307
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; OTHER INFORMATION: Sequence
PCT-US00-28558-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-418-527C-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/418,527C CURRENT FILING DATE: 1999-10-14 NUMBER OF SEQ ID NOS: 179
SEQ ID NO 4
LENGTH: 247
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: D6250PCT
CURRENT APPLICATION NUMBER: PCT/US00/28558
CURRENT FILING DATE: 2000-10-13
PRIOR APPLICATION NUMBER: US 09/418,527
PRIOR FILING DATE: 199-10-14
NUMBER OF SEQ ID NOS: 179
SEQ ID NO 4
             SEQ ID NO 307
LENGTH: 280
                                                                                                                                                                                                                     Sequence 307, Application US/60212659 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
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Best Local Similarity
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TITLE OF INVENTION:
TITLE OF INVENTION:
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APPLICANT:
                                                    NUMBER OF SEQ ID NOS: SOFTWARE: FastSEQ fo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE: OTHER INFORMATION: Sequence of Trypsinogen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Unknown
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TYPE: PRT
TYPE: PRT
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Shigemasa, Kazushi
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                                                     for
                                                                                                                                                                                                                                                                                                                                                                                                                            50.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Tumor Antigen-Derived Gene 16 (TADG-16): A Novel Extracellular Serine Protease and Uses Thereof
                                                                                                                                                                ISOLATED HUMAN PROTEASE PROTEINS, AND NUCLEIC ACID MOLECULES ENCODING HUMAN PROTEASE PROTEINS, AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         50.9%;
                                                     Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    of Trypsinogen
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Pred. No. 5.7e-06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 112; DB 1;
Pred. No. 5.7e-06;
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                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
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US-09-760-475-2344; Sequence 2344, Application US/09760475
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APPLICANT: ROSED et al.
TITLE OF INVENTION: Nucleic Acids, Proteins,
FILE REFERENCE: PTZ49
CURRENT APPLICATION NUMBER: US/09/760,475
CURRENT FILING DATE: 2001-01-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Beasley, Ellen
TITLE OF INVENTION: ISOLATED HUMAN PROTES
TITLE OF INVENTION: UCLEIC ACID MOLECULI
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: CL000768
CURRENT APPLICATION NUMBER: US/60/230,435
CURRENT FILING DATE: 2000-09-06
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SOFTWARE: FastSEQ for
SEQ ID NO 1884
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Best Local Similarity
                                                                                                                                                                                                                                                                                           Prior application data removed -
NUMBER OF SEQ ID NOS: 4122
                                                                                 OTHER INFORMATION: NAME/KEY: SITE
                                                                                                                                                                                                                                 LENGTH: 251
TYPE: PRT
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TYPE: PRT
 OTHER INFORMATION: Xaa
                NAME/KEY: SITE
LOCATION: (58)
                                                 OTHER INFORMATION:
                                                                                                                                                                                                              ORGANISM:
                                                                                                                                                 OTHER INFORMATION:
                                                                                                                                                               NAME/KEY: SITE LOCATION: (18)
                                                                   LOCATION: (35)
                                                                                                                                NAME/KEY: SITE
                                                                                                                                                                                               FEATURE:
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1 MNPLLILTFVAAALAAPFDDDDKIVGG 27
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equals any of
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Pred. No. 6.6e-06;
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Pred. No. 6.6e-06;
                                                                                              any of the naturally occurring L-amino
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the naturally occurring L-amino
                                               the naturally occurring
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Query Match

50.0%;

Score 110;

DB

21;

Length 251

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; TYPE: PRT
; ORGANISM: HUMAN
US-60-213-800-342
                                                                            RESULT 11
US-60-230-435-1885
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US-60-213-800-342
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SEQ ID NO 308
LENGTH: 247
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TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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                                             GENERAL INFORMATION:
                                                                 Sequence 1885, Application US/60230435
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Best Local (
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: CL000674
CURRENT APPLICATION NUMBER: US/60/212,659
CURRENT FILING DATE: 2000-06-19
NUMBER OF SEO ID NOS: 879
APPLICANT: Beasley, TITLE OF INVENTION: TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                             TYPE: PRT
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 ISOLATED HUMAN PROTEASE PROTEINS, AND NUCLEIC ACID MOLECULES ENCODING HUMAN PROTEASE PROTEINS, AND
                                 Ellen
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77.88;
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1; Mismatches 3;
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US-09-762-277-1
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                                                                                                                    Sequence 1, Application US/09762277
GENERAL INFORMATION:
APPLICANT: Fuji Yakuhin Kogyo Kabushiki Kaisha
TITLE OF INVENTION: Wonoclonal Antibody against Canine Trypsin
FILE REFERENCE: FJ-94PCT
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Best Local Similarity
Matches 21; Conserv
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Best Local Similarity
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SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2359
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LENGTH: 247
CURRENT FILING DATE: 2001-02-06
PRIOR APPLICATION NUMBER: JP 10-236609
PRIOR FILING DATE: 1998-08-10
PRIOR APPLICATION NUMBER: JP 11-63990
PRIOR FILING DATE: 1999-03-10
                                                                                CURRENT APPLICATION NUMBER: US/09/762,277
CURRENT FILING DATE: 2001-02-06
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CURRENT FILING DATE: 2001-01-16
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TITLE OF INVENTION: Nucleic Acids, Proteins,
FILE REFERENCE: PTZ49
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CURRENT FILING DATE: 2000-09-06
NUMBER OF SEQ ID NOS: 2991
SOFTWARE: FastSEQ for Windows Version 4.0
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LOCATION: (67)
OTHER INFORMATION: Xaa equals any of the
NAME/KEY: SITE
LOCATION: (79)
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NAME/KEY: SITE
LOCATION: (62)
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TYPE: PRT
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74.18;
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Pred. No.
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Pred. No. 0.00011;
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0.00036;
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                      SOFTWARE: PatentIn version 3.1 SEQ ID NO 17
                                                                            PRIOR APPLICATION NUMBER: JP 10/331515
PRIOR TLING DATE: 1998-11-20
PRIOR APPLICATION NUMBER: PCT/JP99/06474
PRIOR FILING DATE: 1999-11-19
                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/856,050
CURRENT FILING DATE: 2001-05-17
                                                            NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                 FILE REFERENCE: UEMURA=8
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US-09-856-050-17
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US-09-762-277-1
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                                                                                                   Sequence 17, Application US/09856050 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 2322
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1262
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1262, Application US/09605784A GENERAL INFORMATION:
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Best Local :
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/60: CURRENT FILING DATE: 2000-06-27 PRIOR APPLICATION NUMBER: 60/141,228 PRIOR FILING DATE: 1999-06-29
                                                  APPLICANT: UEMURA, APPLICANT: OKUI, APPLICANT: KOMINA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: NOVEL NUCLEIC ACID MOLECULES AND ENCODED TITLE OF INVENTION: SECRETED PROTEINS FILE REFERENCE: 1600.1138-001
APPLICANT: MITSUI, Shinichi
TITLE OF INVENTION: PROTEIN EXPRESSION VECTOR AND USE THEREOF
                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Sharp,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 24
TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: VARIANT LOCATION: (1)...(53) OTHER INFORMATION: X
                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
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les 19; Conserv
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                                   KOMINAMI, Katsuya
YAMAGUCHI, Nozomi
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                                                                    Akira
                                                                                     Hidetoshi
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Pred. No. 0.00073;
1; Mismatches 6
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Pred. No. 0.0028;
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Result
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB
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       and is derived
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1: /cgn2_6/ptodata/1/paa/U
2: /cgn2_6/ptodata/1/paa/U
3: /cgn2_6/ptodata/1/paa/U
4: /cgn2_6/ptodata/1/paa/U
5: /cgn2_6/ptodata/1/paa/U
6: /cgn2_6/ptodata/1/paa/U
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220
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/cgn2_6/ptodata/1/paa/US06_NEW_COMB.pep:*
/cgn2_6/ptodata/1/paa/US08_NEW_COMB.pep:*
/cgn2_6/ptodata/1/paa/US08_NEW_COMB.pep:*
/cgn2_6/ptodata/1/paa/US09_NEW_COMB.pep:*
/cgn2_6/ptodata/1/paa/US09_NEW_COMB.pep:*
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 US-09-550-398C-104
US-09-911-882-20
US-09-911-888-20
US-09-911-927-20
US-09-911-927-20
US-09-708-427-49415
US-10-040-655-9
US-10-040-603-8
US-09-620-1118-5168
US-09-620-1118-133
US-09-620-1118-133
US-09-620-1118-133
US-09-620-1118-4893
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148.848 Million cell updates/sec
Sequence 8, Appli
Sequence 5168, Ap
Sequence 58002, A
Sequence 1590, Ap
Sequence 1399, Ap
Sequence 131, App
Sequence 132, Appli
Sequence 4893, Ap
Sequence 4892, Ap
Sequence 4892, Ap
Sequence 7542, Ap
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49415, A
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104, App
20, Appl
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66	66	66	66.5	66.5	66.5	67	67.5	67.5	67.5	67.5	67.5	68	68	68	68	. 69	69	69	69
30.0	30.0	30.0		30.2	30.2	30.5	30.7	30.7	30.7	30.7		30.9	30.9	30.9	30.9	31.4		31.4	31.4
109	88	23	24	24	20	246	218	207	131	127	127	281	231	199	195	156	155	151	134
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US-09-380-913-33	US-09-614-150-29439	US-09-939-126-7	US-10-080-455-5	US-09-613-972-22	PCT-US01-44516-5	US-09-762-277A-2	US-09-708-427-82153	US-09-708-427-82154	US-09-708-427-82155	US-09-481-620A-72	US-09-481-620A-40	US-09-708-427-55399	US-09-708-427-55400	US-09-708-427-55401	US-09-284-101-4	US-09-620-111B-7540	US-09-620-111B-131	US-09-620-111B-4891	US-09-620-111B-1588
Sequence 33, Appl	Sequence 29439, A	Sequence 7, Appli	Sequence 5, Appli	Sequence 22, Appl	Sequence 5, Appli	Sequence 2, Appli	Sequence 82153, A	Sequence 82154, A	Sequence 82155, A	Sequence 72, Appl	Sequence 40, Appl	Sequence 55399, A	Sequence 55400, A	Sequence 55401, A	Sequence 4, Appli	Sequence 7540, Ap	Sequence 131, App	Sequence 4891, Ap	Sequence 1588, Ap

ALIGNMENTS

US-09-907-187A-4

RESULT

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US-09-762-277A-1
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LENGTH: 247
TYPE: PRT
ORGANISM: Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 4, Application US/09907187A
GENERAL INFORMATION:
APPLICANT: Underwood, Lowell
APPLICANT: Shigemasa, Kazushi
TITLE OF INVENTION: Tumor Antigen-Derived Gene 16 (TADG-16): A Novel
TITLE OF INVENTION: Extracellular Serine Protease and Uses Thereof
FILE REFERENCE: D6250D
CURRENT APPLICATION NUMBER: US/09/907,187A
CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: US 09/418,527
PRIOR FILING DATE: 1999-10-14
               Sequence 1, Application US/09762277A
GENERAL INFORMATION:
APPLICANT: Fuji Yakuhin Kogyo Kabushiki Kaisha
TITLE OF INVENTION: Monoclonal Antibody against Canine Trypsin
FILE REFERENCE: FU-94PCT
CURRENT APPLICATION UNMBER: US/09/762,277A
CURRENT FILING DATE: 2001-02-06
PRIOR APPLICATION NUMBER: JP 10-236609
PRIOR APPLICATION NUMBER: JP 11-63990
PRIOR FILING DATE: 1998-08-10
PRIOR FILING DATE: 1999-03-10
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Best Local Similarity
Matches 23; Conserv
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NUMBER OF SEQ ID NOS:
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85.2%;
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Pred. No. 4.5e-08;
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US-09-842-758-55
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Best Local S
Matches 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Ver. SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: JP 1998-313366
PRIOR FILING DATE: 1998-11-04
NUMBER OF SEQ ID NOS: 53
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APPLICANT: Mariko Numa
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PRIOR FILING DATE: 1999-11-02
                                                                    APPLICANT:
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TYPE: PRT
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18; Conservative
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             MacDougall, John R
Taupier, Raymond J
Grosse, William M
                                                                                             Patturajan, Meera
Burgess, Catherine E
                                                                                                                                                                                                                                     Gerlach, Valerie
                                                   Rastelli, Luca
                                                                 Gangolli, Esha A
Smithson, Glennda
                                                                                                                       Tcȟernev, Velizar T
Padigaru, Muralidhara
                                                                                                                                                    Majumder, Kumud
                                                                                                                                                                Zerhusen, Bryan D
Spytek, Kimberly A
                                                                                                                                                                                             Boldog, Ferenc L
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Szekeres
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70.48;
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Pred. No. 0.00037;
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Pred. No. 3.9e-05;
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; ORGANISM: Mus musculus US-09-842-758-55
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US-10-021-368-7
                                                                                                                                                                                                                                                                                                        Sequence 7, Application US/10021368
GENERAL INFORMATION:
APPLICANT: Band, Vimla
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Best Local Similarity
Matches 18; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: 60/200,158 PRIOR FILING DATE: 2000-04-26 PRIOR APPLICATION NUMBER: 60/200,613
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/842,758
CURRENT FILING DATE: 2001-04-25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 246
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE: 15966-783
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                                                                                   COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/232,678
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ADDRESSEE: Fish & Richardson P.C
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                  CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: NES-1 POLYPEPTIDES, DNA, AND RELATED
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PatentIn
                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                              STATE: MA
                                                                                                                                                                              CITY: Boston
                                                                                                                                                                                                  STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Alsobrook II, John P
APPLICATION NUMBER: US/10/021,368
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
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Pred. No. 0.00037
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FILING DATE: 12-Dec-2001 CLASSIFICATION: <Unknown>

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US-09-550-398C-104; Sequence 104, Application US/09550398C; GENERAL INFORMATION:
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                                                                                                                                                       US-09-911-882-20
                                                                                                                                                                            RESULT
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LENGTH: 401
TYPE: PRT
                                Sequence 20, Application US/09911882
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: CAVILIAN, Vigal
APPLICANT: Gavrias, Victoria
TITLE OF INVENTION: ESSENTIAL FUNGAL GENES AND THEIR USE
FILE REFERENCE: 06286-062004
                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 15; Conserv
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CURRENT FILING DATE: 2000-04-14
NUMBER OF SEQ ID NOS: 150
SOFTWARE: Patentin Ver. 2.0
CURRENT APPLICATION NUMBER: US/09/911,882
CURRENT FILING DATE: 2001-07-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Osterman, Andrei
TITLE OF INVENTION: Novel Nicotinamide Mononucleotide Adenyltransferases
FILE REFERENCE: 2002.0030000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Kurnasov, Oleg
APPLICANT: Overbeek, Ross
APPLICANT: Shatalin, Konstantin
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INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
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1 MSALLILALVGAAVAFPVDDDDKIVGG 27
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APPLICATION NUMBER: 09/201,038
FILING DATE: <Unknown>
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                                                                                                                                                                                                                                    VLADANSSIDAPENIKRKKKHPKHHHHHHHSRKEGNDK 75
                                                                                                                                                                                                                                                                         ILTFVAAAVAAPFDDDDKLVHGKLHHHHHH----DDDDK 40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 281 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 00398/100002
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Pred. No.
                                                                                                                                                                                                                                                                                                           Score 75.5; DB 6; Pred. No. 0.011; 7; Mismatches 13;
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; ORGANISM: Saccharomyces cerevisiae US-09-911-927-20
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                                                                                                                                                                                    Sequence 20, Application US/09911927

GENERAL INFORMATION:

APPLICANT: KOLTIN, Yigal
APPLICANT: Gavrias, Victoria
TITLE OF INVENTION: ESSENTIAL FUNGAL GENES AND THEIR USE
FILE REFERENCE: 06286-062003

CURRENT APPLICATION NUMBER: US/09/911,927

CURRENT FILING DATE: 2001-07-23

PRIOR APPLICATION NUMBER: US 08/965,762

PRIOR FILING DATE: 1997-11-07

NUMBER OF SEQ ID NOS: 35
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Best Local Similarity 39.5
Matches 15; Conservative
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APPLICANT: KOLLIN, Yigal
APPLICANT: Gavrias, Victoria
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Best Local Similarity
Matches 15; Conserv
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Query Match
Best Local Similarity
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TITLE OF INVENTION: ESSENTIAL FUNGAL GENES AND THEIR USE
FILE REFERENCE: 06286-062002
CURRENT APPLICATION NUMBER: US/09/911,888
CURRENT FILING DATE: 2001-07-23
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PRIOR FILING DATE: 1997-11-07
NUMBER OF SEQ ID NOS: 35
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                                                                                                                LENGTH: 40
TYPE: PRT
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34.3%;
Score 75.5; DB 6; Pred. No. 0.011;
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Pred. No. 0.011;
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GENERAL INFORMATION:
APPLICANT: N. ALEXANDROV et al.
TITLE OF INVENTION: SEQUENCE-DETERMINED DNA FRAGMENTS AND CORRESPONDING POLYPEPTIDES
TITLE OF INVENTION: THEREBY
FILE REFERENCE: 2750-1243P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 9, Application US/10040655 GENERAL INFORMATION:
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Best Local Similarity
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CURRENT FILING DATE: 2002-01-07
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Andrade-Gordon, Patricia
APPLICANT: Darrow, Andrew
APPLICANT: Qi, Jian-Shen
TITLE OF INVENTION: DNA encoding the novel human serine
TITLE OF INVENTION: protease T
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CURRENT FILING DATE: 2000-11-09
NUMBER OF SEO ID NOS: 85364
SOFTWARE: Patentin version 3.1
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FILE REFERENCE: ORT-1032
                                                                                                                                                                                                                                                                                                                                             LENGTH: 315
TYPE: PRT
ORGANISM: Artificial Sequence
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OTHER INFORMATION: Xaa is
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LOCATION: 1..198
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                                     2 NELLILTFV------AAAVAAPFDDDDKLVHG 27
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          NĻLLCQGVVSDYKDDDDVDAAALAAPFDDDDKIVGG 55
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Pred. No. 0.013;
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RESULT 14
US-09-620-111B-5168
; Sequence 5168, Application US/09620111B
; GENERAL INFORMATION:
; APPLICANT: N. ALEXANDROV et al.
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SEQ ID NO 9
LENGTH: 315
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Best Local :
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LENGTH: 327
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          TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptid
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CURRENT FILING DATE: 2002-01-07
NUMBER OF SEQ ID NOS: 11
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Pred. No. 0.013;
2; Mismatches
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Pred. No. 0.013;
2; Mismatches
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Search completed: March 15, 2002, 06:45:32 Job time: 1146 sec
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CURRENT FILING DATE: 2000-11-09
NUMBER OF SEQ ID NOS: 85364
SOFTWARE: PatentIn version 3.1
SEQ ID NO 58802
LENGTH: 132
TYPE: PRT
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: N. ALEXANDROV et al.
TITLE OF INVENTION: SEQUENCE-DETERMINED DNA FRAGMENTS AND CORRESPONDING POLYPEPTIDES
TITLE OF INVENTION: THEREBY
FILE REFERENCE: 2750-1243P
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Best Local Similarity 42.1
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FILE REFERENCE: 2750-1070P
CURRENT APPLICATION NUMBER: US/09/620,111B
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 9298
SEQ ID NO 5168
LENGTH: 149
TYPE: PRT
                                                                                                                                                             Query Match 32.3
Best Local Similarity 78.0
Matches 11; Conservative
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OTHER INFORMATION: Xaa is any amino acid
NAME/KEY: misc_feature
LOCATION: 1..132
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OTHER INFORMATION: Xaa is any amino acid
NAME/KEY: misc_feature
LOCATION: 1..149
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NAME/KEY: misc_feature
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                                                                                       34 LAAATARAADDDDKTQPWQCFKSCSRGCHHHDHDHDN 71
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Pred. No. 0.011;
1; Mismatches
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Pred. No. 0.0096;
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Perfect score:
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  Issued_Patents_AA: *
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Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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Copyright (c) 1993 - 2000
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/cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
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US-08-965-767A-2
US-08-956-267A-2
US-08-226-264-7
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US-08-226-264-8
US-08-226-264-8
US-08-226-264-8
US-08-226-264-8
US-08-26-264-8
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US-08-628-198-7
US-09-201-038-7
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18, Appl
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14, Appl
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37, Appl
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8, Appli
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ALIGNMENTS	US-09-461-474-8	PCT-US95-15696-2	US-09-188-082-14	US-08-661-052-14	US-09-202-101-17	US-09-551-028-14	US-09-197-801-14	US-08-644-271-32	US-09-333-729A-7	US-08-978-741-6	US-08-906-746A-2	US-08-330-638D-2	US-08-652-816A-43	US-09-095-117-4	US-09-095-117-2	US-09-184-826-23	US-08-651-818A-23	US-09-184-826-19
	Sequence 8, Appli	Sequence 2, Appli	Sequence 14, Appl	Sequence 14, Appl			Sequence 14, Appl	Sequence 32, Appl	Sequence 7, Appli	Seguence 6, Appli	Sequence 2, Appli	Sequence 2, Appli	Sequence 43, Appl	Sequence 4, Appli	Sequence 2, Appli	Sequence 23, Appl	Sequence 23, Appl	`

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; STRANDEDNESS:
; TOPOLOGY: lin
; MOLECULE TYPE:
US-08-467-155A-7
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US-08-467-155A-7
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APPLICANT: Band, Vimla
                                                                                                                        TELEX: 200154
INFORMATION FOR SEQ ID NO:
                                                                                                                                                     REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 00
TELECOMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEPAX: 617/542-8906
                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
FILING DATE: 06-JUN-199
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                     SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: MES-1 POLY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 225 F
CITY: Boston
STATE: MA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Fish a Natural ADDRESSEE: Fish a Natural ADDRESSEE: 225 Franklin Street
                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: USA
ZIP: 02110-2804
                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Release #1.0,
                                                                                      LENGTH:
                                                                  amino acid
                                                                                     281 amino acids
                                   linear
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              protein
                                                                                                                                                                                                                                                                                                     06-JUN-1995
                                                   not relevant
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                                                                                                                                                                                                                00398/100001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AND METHODS
                                                                                                                                                                                                                                                                                                                                                           Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DNA, AND RELATED
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Matches

18;

Conservative

Query Match Best

Local Similarity

38.2%; 66.7%;

Score Pred.

No.

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DB 1;

Length 281;

Mismatches

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RESULT 3
US-09-201-038-7
; Sequence 7, Application US/09201038
; Patent No. 6153387
; Patent No. 6153387
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GENERAL INFORMATION:
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Best Local Similarity
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION UNMBER: 30,162
REFERENCE/DOCKET NUMBER: 0039
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
                                                                                                                           APPLICANT: Band, Vimla
TITLE OF INVENTION: NES-1 POLYPEPTIDES, DI
TITLE OF INVENTION: MOLECULES AND METHODS
                                                                                             CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
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                                                                                                              NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Band, Vimla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: FILING DATE: 06-JUI CLASSIFICATION: 51
COUNTRY: USA
ZIP: 02110-2804
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
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                                      STATE:
                                                              STREET:
                                                                                 ADDRESSEE:
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                                                                225 Franklin Street
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                                                                                Fish & Richardson P.C
                                                                                                                                                                                                                                                                                                                                                                                                                                                       linear
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Pred. No. 0.00025;
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Best Local Similarity
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0
                               ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 00398/100001
                                                                                                                               CLASSIFICATION:
CRASSIFICATION DATA:
PRIOR APPLICATION DATA:
08/467,155
                                                                                                                                                                                                                           SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
TELECOMMUNICATION INFORMATION: TELEPHONE: 617/542-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION:
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MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
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TELEFAX: 200154
                                                                                                                      FILING DATE:
                                                                                                                                                                                                                                                                                                                            COUNTRY: USA
ZIP: 02110-2804
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                      CLASSIFICATION:
                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                          APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                     Boston
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                                                                                                                      06-JUN-1995
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PR: 30,162
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MOLECULES AND METHODS
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Pred. No. 0
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Best Local Similarity 66.7
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                                      Matches
                                                             Query Match
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                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                 OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/978,404B
FILING DATE: 25-NOV-97
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LENGTH: 281 amino acid
                                                                                                                  TOPOLOGY: 1: MOLECULE TYPE:
                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: BC TELECOMMUNICATION INFORMATION: 617-720-3500
                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
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FILING DATE: 04-DEC-1996
ATTORNEY/AGENT INFORMATION:
NAME: Plumer, Elizabeth I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
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TOPOLOGY: lir
                                                  Local Similarity
                                                                                                                                                                                                                                                                       NAME: Plumer, Elizabeth R. REGISTRATION NUMBER: 36,637
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            1 MNLLLILTFVAAAVAAPFDDDDKLVHG 27
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IVENTION: MAST CELL PROTEASE THAT CLEAVES
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                                      Conservative
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63.0%;
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                                                  Score 81; DB 2;
Pred. No. 0.00055;
                                      Mismatches
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0.00025;
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US-08-956-267A-2
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SEQ ID NO 20
LENGTH: 401
TYPE: PRT
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Patent No. 6280963
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Best Local Similarity
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APPLICANT: Gavrias, Victoria
TITLE OF INVENTION: ESSENTIAL FUNGAL GENES AND THEIR USE
FILE REFERENCE: 07334/062001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/08/965,762
CURRENT FILING DATE: 1997-11-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS:
                                                                                   INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: ROZEK, CATO1
REGISTRATION NUMBER: 36,993
REFERENCE/DOCKET NUMBER: 45
                                                                                                                                                                                                                                                                                              SOFTWARE: FastSEQ for Windows Version CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: WOLDIKE, Helle Fabricius APPLICANT: KJELDSEN, Thomas Borglum
                                                                                                                                       TELECOMMUNICATION INFORMATION: TELEPHONE: 212-867-0123
                MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 40.
                                                TYPE:
                                                                                                                                                                                                                                                                                                               COMPUTER: IBM CON OPERATING SYSTEM: SOFTWARE: FastSE
                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/956,267A FILING DATE: 22-OCT-1997
                                                                                                                                     TELEPHONE:
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                                 TOPOLOGY:
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                                              amino acid
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                                                                  247 amino acids
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Pred. No. 0
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; HYPOTHETICAL: N
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US-08-226-264-7
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                                                                                                    Matches
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Best Local
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FILING DATE: 08-AFR-94
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REGISTRATION NUMBER: 4001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 14 amino acids
TYPE: amino acid
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TITLE OF INVENTION: PRODUCTION OF RECOMBINANT FACTOR XA
TITLE OF INVENTION: INHIBITORS OF LEECH HIRUDO MEDICINALIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
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                                                            29 LHHHHHH--DDDDK 40
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                                                                                                                  Similarity
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1185 Avenue of the Americas
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                                                                                                   Conservative
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Panet, Amos
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78.6%;
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Pred. No. 0.014;
4; Mismatches
                                                                                                             Score 68; DB 1;
Pred. No. 0.0012;
                                                                                                   Mismatches
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                                                                                                                              DB 1; Length 14;
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Best Local Similarity
Matches 11; Conserv
                                                                                                                Patent No.
                                                                                                                            Sequence 20,
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                                                                                                 GENERAL INFORMATION:
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ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
NAME: 28,678
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REFERENCE/DOCKET NUMBER: 400
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
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APPLICANT:
                           APPLICANT:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0
CURRENT APPLICATION DATA:
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MOLECULE TYPE:
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Fischer, Meir
TITLE OF INVENTION: PRODU
TITLE OF INVENTION: INHI
                                                                     APPLICANT:
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 APPLICANT:
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STATE: New York
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5. 5801017
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                                                                                                                  5801017
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                                                                                                                              Application US/08226264
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1185 Avenue of the Americas
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                           Guy, Rachel
Goldlust, Arie
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Zeelon, Elisha P.
Rigbi, Meir
Panet, Amos
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Guy, Rachel
                                                      Levanon, Avigdor
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Panet, Amos
                                                                                    Werber,
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Elisha P.
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RESULT 11
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 8,
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NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 4001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212,278-0400
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HYPOTHETICAL: N
ANTI-SENSE: NO
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                              APPLICANT: Fischer, Meir
TITLE OF INVENTION: PRODUCTION OF RECOMBINANT FACTOR XA
TITLE OF INVENTION: INHIBITORS OF LEECH HIRUDO MEDICINALIS
                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 14 amino acids
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STATE: New COUNTRY: U. ZIP: 10036
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                                                                                                                                  STREET:
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                                                                                                   New York
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Y: U.S.A.
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Goldlust, Arie
Rigbi, Meir
Panet, Amos
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1185 Avenue of the Americas
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; TOPOLOGY: linear
; MOLECULE TYPE: prc
; HYPOTHETICAL: NO.
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-t
US-08-226-264-8
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GENERAL INFORMATION:
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Best Local Similarity
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                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
COMPUTER: IBM FC COMPATIBLE
COMPUTER: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
ADDITONITON NUMBER: 10708/276-264
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REFERENCE/DOCKET NUMBER: 40
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-391-0525
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION UNDER: 28,678
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APPLICATION NUMBER: US,
FILING DATE: 08-APR-94
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: PRODUCTION OF RECOMBINANT FACTOR XA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
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                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
              APPLICATION NUMBER: US/08/226,264
FILING DATE: 08-APR-94
CLASSIFICATION: 530
                                                                                                                                                                      COUNTRY: U.S.A. ZIP: 10036
                                                                                                                                                                                                       STREET: 1185 Ave
CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Application US/08226264
                                                                                                                                                                                                                                                                                                                                                             Guy, Rachel
Goldlust, Arie
Rigbi, Meir
Panet, Amos
                                                                                                                                                                                                                                           E: Cooper & Dunham LLP
1185 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           16 amino acids
                                                                                                                                                                                                                                                                                                                                               Fischer, Meir
                                                                                                                                                                                                                                                                                                                                                                                                                                  Levanon, Avigdor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Werber,
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Pred. No. 0.0014;
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Best Local Similarity
Watches 11; Conserv:
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                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-214-095D-119
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                                                                                                                               GENERAL INFORMATION:
APPLICANT: AShkenazi, Avi J.
TITLE OF INVENTION: APO-2 LIGAND
FILE REFERENCE: 11669.22USO3
                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/214,095D CURRENT FILING DATE: 1999-07-19 NUMBER OF SEQ ID NOS: 121 SOFTWARE: Patentin version 3.0 SEQ ID NO 119 LENGTH: 280 TYPE: PRT ORGANISM: MULTINE ORGANISM: MULTINE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Landry, Donald
TITLE OF INVENTION: ANTI-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 119, Application US/09214095D Patent No. 6280987
                                                                                                                                                                                           Sequence 8, Application US/08584031A Patent No. 6030945
                                                          SEQ ID NO 8
                                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                                      Query Match
                                                                                                  CURRENT APPLICATION NUMBER: US/08/584,031A CURRENT FILING DATE: 1996-01-09
                                                                        SOFTWARE:
                                                                                       NUMBER OF SEQ ID NOS: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
         TYPE: PRT
ORGANISM: "Artificial Sequence
EATURE:
                                         ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 400
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
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                                                                                                                                                                                                                                                                                  268 DDDDKLEH---HHHHH 280
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                                                                                                                                                                                                                                                                                                              19 DDDDKLVHGKLHHHHH 34
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STRANDEDNESS: unl
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75.0%;
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Pred. No. 0.
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0.0014;
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; NAME/KEY: UNSURE
; LOCATION: (1)..(24)
; OTHER INFORMATION: Sequence is synthesized
; Patent No. 6030945
US-08-584-031-8
В
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                                                                                                                               US-08-780-496-8
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US-08-780-496-8
                                                                      Query Match
Best Local
                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 8, Application US/08780496
Patent No. 6046048
GENERAL INFORMATION:
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                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                        TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: Caltern Francisco
                                                        Local Similarity
les 12; Conserv
                            26 HGKLHHHHHH-----DDDDK 40
                                                                                                                                                                                                                                                                                        NAME: Marschang, Diane L. REGISTRATION NUMBER: 35,6
                                                                                                                                                                                                                                                                                                                                  FILING DATE: 01
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               26 HGKLHHHHHH-----DDDDK 40
                                                                                                                                              TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STATE:
                                                                                                                                                                       LENGTH:
                                                                                                                                                                                                                                              TELEPHONE:
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НИНИНИННЫSSGHIDDDDK 22
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                                                                                                                                                           Amino Acid
                                                                                                                                                                                                                   910/371-7168
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                                                                                                                                                                         24 amino acids
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415/952-9881
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Avi Ashkenazi, Anan Chuntharapai, Kyung Jin Kim
VENTION: Apo-2 Ligand
                                                          Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
                                                                                                                                              Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                   3.5 inch, 1.44 Mb floppy disk
                                                                                                                                                                                                                                                                                                                                              08-Jan-1997
                                                                    30.2%;
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                                                       Score 66.5; DB 3
Pred. No. 0.0036;
0; Mismatches
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